FD-921RGBW

Dynamic Strobe



User manual

Please read this user manual before using this product

1. Checking before using

No.	Item	Quan	Unit
1	PAR Light	1	piece
2	Power cable with blue head	1	piece
3	User manual	1	piece

★For security reasons and in accordance with the terms, reassemble or modify the product is not allowed without permission. Please note that due to human damage caused by improper use of the product, it will break the warranty qualification. Moreover, the unprofessional operation may lead to short circuits, burns or electric shock, and so on.

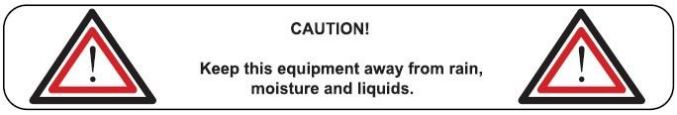
★This device has been full inspection before shipping. For your safety, please operate it according the User Manual.

★If any damage caused by improper operation will result in the termination of the warranty claims. The manufacturer does not accept any responsibility of property damage due to improper operation or personal injury due to non-compliance with the operating instructions.

★Keep the manual in a safe place for future reference as well as after the product sale, lease, etc.

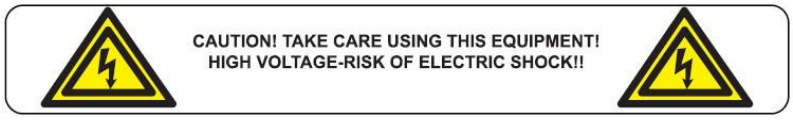
★Note: Based on product improvements, specification may change without notice. Changes in product specifications related rights will be reserved.

2. Safety Instruction



1. When opening the packing, take all accessories out, and remove the light to a horizontal table for good operation. First check whether the accessories are complete, then check carefully whether the whole light has no damage. If there is any damage, please contact us as soon as possible.
2. AC Power: Check whether the local power supply is accordance with the
requirements of the product rated voltage.
3. The product is only suitable for indoor working environment. The light should
keep dry, keep away from wet, overheat or dusty environment. Don't come into contact with water and other liquids to prevent or reduce the risk of electric shock or fire.
4. Please do not install the light directly on the surface of the combustible substance.
5. The people who install, operate and maintain of light professional certificate required.
6. When there are faults of the light, please stop using the light immediately. Don't try to repair, please contact the nearest authorized technical assistance center, if the parts damage, always use the same type of parts replaced.
7. Don't touch any electrical wiring in the process of operation to prevent the risk of electric shock.
8. To make sure the light working environment temperature, the highest do not exceed 40℃, the lowest do not exceed - 20 ℃.
9. Under the stable cooling working situation, the highest temperature of the housing of the light can reach 80 ℃, please do not touch.
10. The light is design according to the type of electric shock protection. The light should be use in good connection grounding power system and the earth sign port of the light should be connected to the installing fixtures.
11. Do not use the damage of the insulating layer wire and also do not use the power cord overlap on the other wire. When not in use or clean the light, please disconnect the power, don't pull the plug in hard or just drag the wires.
12. There are no components inside for maintenance. Before start operation the light, please check whether all of the shell is installed. In the case of the shell open used the light is prohibited.

Note: Before performing any installation, repair and cleaning of the lamp, please confirm that the power cable has been cut off.



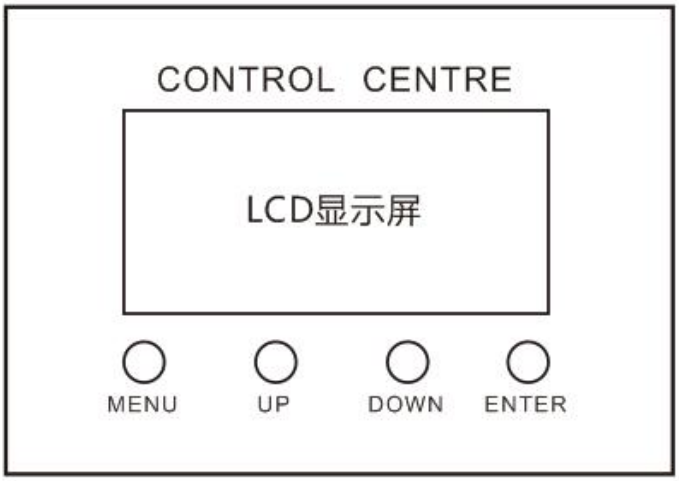
3. Product specification

1. Voltage: AC100-240V 50-60Hz
2. Power Consumption: 200W
3. Light Source: 921 × SMD505 4in1 LEDs
4. Beam Angle: 120°
5. Source life: 100,000 hours
6. Color: 1670 million kinds of colors
7. Working modes: Sound (Audio) Active, Show Mode, DMX, Master/ Slave.
8. Powercon: Input / Output
9. DMX Channel: 6CH/9CH/36CH /41CH
10. GW: 5KG/Size: 42 x 19 x 38cm

4. Display Main function:

Interface	Function	Remark
D001 DMX NO	D001-D512	
TEMP Err'C	Temp of Light	Press 5 seconds to enter the background to set whether the digital tube enters the sleep mode
CH-Mode	06/09/36/41CH	Selection of DMX Channel mode
CH: 01 000	01- 36 000-255	Brightness of Ring control adjustment under 36CH mode
R DIM 000	000-255	Red Dimming
G DIM 000	000-255	Green Dimming
B DIM 000	000-255	Blue Dimming
W DIM 000	000-255	White Dimming
Strobe 000	000-100	Strobe from slow to fast
Pro:00 Spd: 00	00-15 00-25	Pro: Selection of built-in 15 program Spd: 0-19 speed from slow to fast. 20-25 Sound mode ON, Sensitivity from Low to High. Without this menu in 6CH mode.
Color	00-15	Color: Selection of 15 colors Without this menu in 6CH mode.
Reset OFF	ON-OFF	

5. LCD Display Function Instruction



6. DMX 512 Channel-6CH

Ch	Function	Value	Description
1CH	Master Dimmer	0	NO
		1-255	Dark to Bright
2CH	Strobe	000-255	0-5: Shut Mode 1: 006-255 Speed from Slow to Fast Mode 2: 006-053: Fast forward and Fast out, Slow to Fast 054-103: Fast forward and Slow out, slow to fast 104-153: Slow forward and Fast out, slow to fast 154-203: Slow forward and Slow out, slow to fast 204-255: Pulse strobe, slow to fast
3CH	RED Dimmer	0	NO
		1-255	Dark to Bright
4CH	GREEN Dimmer	0	NO
		1-255	Dark to Bright
5CH	Blue Dimmer	0	NO
		1-255	Dark to Bright
6CH	White Dimmer	0	NO
		1-255	Dark to Bright

7. DMX 512 Channel-9CH

Ch	Function	Value	Description
1CH	Master Dimmer	0	NO
		1-255	Dark to Bright
2CH	Strobe	000-255	0-5: Shut Mode 1: 006-255 Speed from Slow to Fast Mode 2: 006-053: Fast forward and Fast out, Slow to Fast 054-103: Fast forward and Slow out, slow to fast 104-153: Slow forward and Fast out, slow to fast 154-203: Slow forward and Slow out, slow to fast 204-255: Pulse strobe, slow to fast
3CH	Built-in Pro	000-255	000-015: Shut; 016-031: Pro 1; 032-047: Pro 2; 048-063: Pro 3; 064-079: Pro 4; 080-095: Pro 5; 096-111: Pro 6; 112-127: Pro 7; 128-143: Pro 8; 144-159: Pro 9; 160-175: Pro 10; 176-191: Pro 11; 192-207: Pro 12; 208-223: Pro 13; 224-239: Pro 14; 240-255: Pro 15;
4CH	Speed for Built-in Pro	0-199	Fast to Slow
		200-255	Sound mode, Sensitivity from Low to High
5CH	Color of Built-in Pro	0-255	000-015: Shut 016-031: R 032-047: G 048-063: B 064-079: W 080-095: RG 096-111: RB 112-127: RW 128-143: GB 144-159: BW 160-175: GW 176-191: RGB 192-207: RGW 208-223: RBW 224-239: GBW 240-255: RGBW
6CH	RED Dimmer	0	NO
		1-255	Dark to Bright
7CH	GREEN Dimmer	0	NO
		1-255	Dark to Bright
8CH	Blue Dimmer	0	NO
		1-255	Dark to Bright
9CH	White Dimmer	0	NO
		1-255	Dark to Bright

8. DMX 512 Channel-36CH

Ch	Function	Value	Description
1CH	RED	0-255	The Red of 1th Ring (The smallest Ring) 0: Shut; 1-255: Dark to Bright
2CH	GREEN	000-255	The Green of 1th Ring (The smallest Ring) 0: Shut; 1-255: Dark to Bright
3CH	BLUE	000-255	The Blue of 1th Ring (The smallest Ring) 0: Shut; 1-255: Dark to Bright
4CH	WHITE	0-255	The White of 1th Ring (The smallest Ring) 0: Shut; 1-255: Dark to Bright
: :	: :	: :	: :
33CH	RED	0-255	The Red of 9th Ring (The biggest Ring) 0: Shut; 1-255: Dark to Bright
34CH	GREEN	0-255	The Green of 9th Ring (The biggest Ring) 0: Shut; 1-255: Dark to Bright
35CH	BLUE	0-255	The Blue of 9th Ring (The biggest Ring) 0: Shut; 1-255: Dark to Bright
36CH	WHITE	0-255	The White of 9th Ring (The biggest Ring) 0: Shut; 1-255: Dark to Bright

10. DMX 512 Channel-41CH

Ch	Function	Value	Description
1CH	Master Dimmer	0	NO
		1-255	Dark to Bright
2CH	Strobe	000-255	0-5: Shut Mode 1: 006-255 Speed from Slow to Fast Mode 2: 006-053: Fast forward and Fast out, Slow to Fast 054-103: Fast forward and Slow out, slow to fast 104-153: Slow forward and Fast out, slow to fast 154-203: Slow forward and Slow out, slow to fast 204-255: Pulse strobe, slow to fast
3CH	Built-in Pro	000-255	000-015: Shut; 016-031: Pro 1; 032-047: Pro 2; 048-063: Pro 3; 064-079: Pro 4; 080-095: Pro 5; 096-111: Pro 6; 112-127: Pro 7; 128-143: Pro 8; 144-159: Pro 9;

			160-175: Pro 10; 176-191: Pro 11; 192-207: Pro 12; 208-223: Pro 13; 224-239: Pro 14; 240-255: Pro 15;
4CH	Speed for Built-in Pro	0-199	Fast to Slow
		200-255	Sound mode, Sensitivity from Low to High
5CH	Color of Built-in Pro	0-255	000-015: Shut 016-031: R 032-047: G 048-063: B 064-079: W 080-095: RG 096-111: RB 112-127: RW 128-143: GB 144-159: BW 160-175: GW 176-191: RGB 192-207: RGW 208-223: RBW 224-239: GBW 240-255: RGBW
6CH	RED	0-255	The Red of 1th Ring (The smallest Ring) 0: Shut; 1-255: Dark to Bright
7CH	GREEN	000-255	The Green of 1th Ring (The smallest Ring) 0: Shut; 1-255: Dark to Bright
8CH	BLUE	000-255	The Blue of 1th Ring (The smallest Ring) 0: Shut; 1-255: Dark to Bright
9CH	WHITE	0-255	The White of 1th Ring (The smallest Ring) 0: Shut; 1-255: Dark to Bright
: :	: :	: :	: :
38CH	RED	0-255	The Red of 9th Ring (The biggest Ring) 0: Shut; 1-255: Dark to Bright
39CH	GREEN	0-255	The Green of 9th Ring (The biggest Ring) 0: Shut; 1-255: Dark to Bright
40CH	BLUE	0-255	The Blue of 9th Ring (The biggest Ring) 0: Shut; 1-255: Dark to Bright
41CH	WHITE	0-255	The White of 9th Ring (The biggest Ring) 0: Shut; 1-255: Dark to Bright